

2023 PACIFIC NORTHWEST CROP QUALITY REPORT

WEEK 5: August 24, 2023

We received and processed a total of 395 samples by the end of the fifth week reporting period for the 2023 Pacific Northwest wheat harvest.

SAMPLE DISTRIBUTION -

174 wheat samples were received in the fifth week – 113 soft white (SWH), 37 white club (WHCB), 18 hard red winter (HRW), and 6 hard red spring (HRS). 122 samples (70%) were from District 8, and less than 10% each were from District 10, District 5, District 4, District 14, Districts 6\7 and District 12. (Please refer to page 2 - USDA Economic Statistics Districts Map.)

USDA ECONOMIC STATISTICS DISTRICTS (TABLE 1) DATA -

SWH – Average **test weight** was 60.2 lb/bu (79.2 kg/hl), similar to the last week and lower than the 5-year average of 61.1 lb/bu (80.3 kg/hl). Average **dockage** was 0.4%. Average **wheat moisture** content was 8.9%, slightly lower than the 5-year average of 9.1%. Average **wheat protein** content (12% mb) was 11.1%, the same as last week and higher than the 5-year average of 10.0%. Average **falling number** value (14% mb) was 336 seconds, higher than the 5-year average of 326 seconds. Average **thousand kernel weight** (14% mb) was 31.7 g, similar to the last week and lower than the 5-year average of 34.4 g. Average **kernel size** was 2.59 mm, smaller than the 5-year average of 2.72 mm.

WHCB – Average **test weight** was 60.7 lb/bu (79.9 kg/hl), the same as the 5-year average. Average **wheat protein** content (12% mb) was 10.6%, an increase of 0.6% compared to the last week and higher than the 5-year average of 10.0%. Average **falling number** value (14% mb) was 324 seconds, lower than the 5-year average of 331 seconds. Average **thousand kernel weight** (14% mb) was 30.2 g, lower than the 5-year average of 30.7 g. Average **kernel size** was 2.48 mm, smaller than the 5-year average of 2.55 mm.

HRW – Average **test weight** was 61.9 lb/bu, the same as last week and similar to the 5-year average of 61.8 lb/bu. Average **wheat protein** content (12% mb) was 11.7%, the same as last week and similar to the 5-year average of 11.6%. **Thousand kernel weight** (14% mb) was 34.9 g, an increase of 1.4 g compared to the last week and slightly higher than the 5-year average of 34.5 g. **Kernel size** was 2.78 mm, slightly smaller than the 5-year average of 2.82 mm.

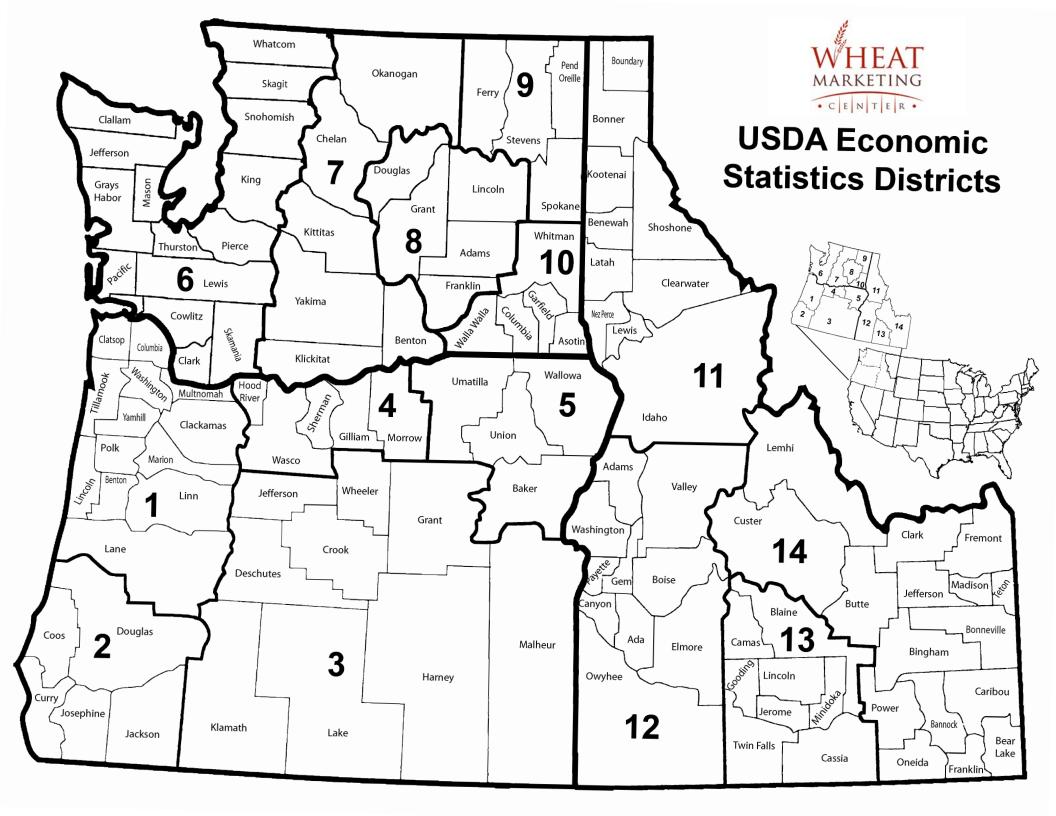
HRS – Average **test weight** was 62.1 lb/bu, similar to the 5-year average of 62.0 lb/bu. Average **wheat protein** content (12% mb) was 14.7%, similar to the 5-year average of 14.6%. **Thousand kernel weight** (14% mb) and **kernel size** were higher than the 5-year averages.

PACIFIC NORTHWEST WHEAT PRODUCTION ZONES (TABLE 2) DATA -

Seventy one percent of this week's samples were from Zone NC, 14% were from Zone C, 8% were from Zone NE, and 7% were from Zone SE. (Please refer to page 4 – Pacific Northwest Wheat Production Zones Map.)

SWH – Average **wheat protein content (12% mb)** was highest for Zone C at 12.0% followed by Zone NE at 11.4%, Zone NC at 10.8%, Zone SE at 9.8% and the lowest was for Zone SW at 8.6%.

WHCB – Average wheat protein content (12% mb) for Zone NC and Zone C were at 10.7% and 10.3% respectively.



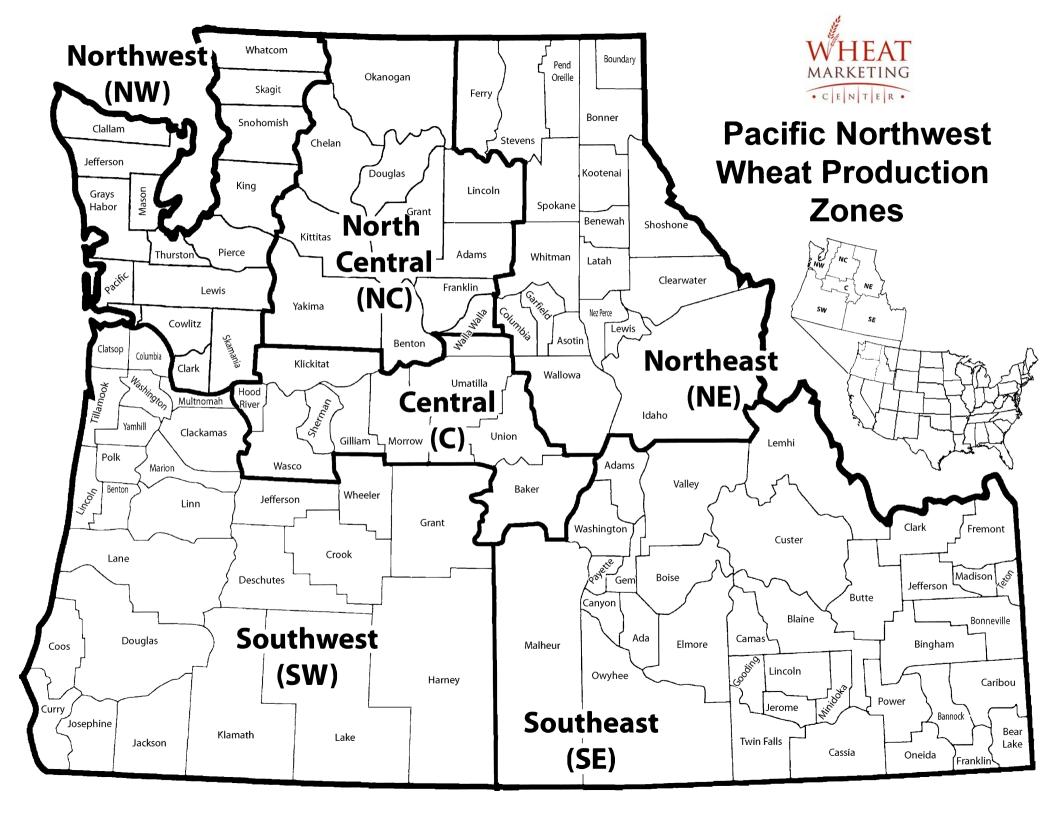


BY USDA ECONOMIC STATISTICS DISTRICTS

Table 1

SWH 112 10 61.3 80.7 0.3 0.0	Table	-								5: Augus				יאלו										
Columbia Columbia		Quality Data) Data	Grading Data									
SWH 102	Wet Gluten mb) (%, 14% mb	Ash (%, 14% mb)		Hardness	Kernel Weight	Number		%, 12% mb			Defects	Broken	Material	Damage	Damage				of	District	Class			
SWH	16.4	1.36	2.79	24.4	38.2	333		8.0		10.4	0.9	0.9	0.0	0.0	0.0	0.3	80.7	61.3	10	1\2	SWH			
SMM	21.5	1.62	2.90	26.1	41.3	283	10.9	9.1	10.1	8.7	0.9	0.4	0.0	0.5	0.0	0.5	81.0	61.6	10	3	SWH			
SWH 617 9 600 79.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.4 0.4 9.4 11.2 9.6 12.7 333 35.7 25.2 2.76 15.5 1.5	30.7	1.39	2.49	22.3	28.0	343	15.5	10.6	12.2	8.7	1.0	0.9	0.1	0.0	0.0	0.3	78.1	59.3	52	4	SWH			
SWH 8	29.5	1.44	2.54	21.7	29.8	340	14.7	10.2	11.8	8.7	1.0	1.0	0.0	0.0	0.0	0.2	78.7	59.8	42	5	SWH			
SWH 10 19 59.6 78.5 0.4 0.0 0.0 0.0 0.0 0.8 0.8 8.3 12.3 9.5 15.1 356 29.5 19.8 2.52 13.8	28.1	1.54	2.76	25.2	35.7	333	12.7	9.6	11.2	9.4	0.4	0.4	0.0	0.0	0.0	0.8	79.0	60.0	9	6\7	SWH			
SWH 11	25.9	1.26	2.58	21.3	31.7	335	14.8	7.3	10.8	8.7	0.8	0.8	0.1	0.0	0.0	0.5	79.3	60.3	97	8	SWH			
SWH 12 6 61.5 80.8 0.5 0.0 0.1 0.0 0.3 0.4 9.2 9.7 8.7 10.7 290 43.5 20.8 2.91 1.5	29.9	1.35	2.52	19.8	29.5	356	15.1	9.5	12.3	8.3	8.0	0.8	0.0	0.0	0.0	0.4	78.5	59.6	19	10	SWH			
SWH 14 12 60.1 79.1 0.0 0.0 0.0 0.0 0.8 0.6 1.5 11.4 9.5 8.0 11.9 339 34.9 17.9 2.68 16.6 Crop Year Average	23.2	1.40	2.62	23.9	32.4	340	14.0	8.8	10.7	8.9	0.7	0.8	0.0	0.0	0.0	0.3	81.1	61.6	28	11	SWH			
Crop Year Average SWH 2023 285 60.2 79.2 0.4 0.0 0.0 0.1 0.8 0.9 8.9 11.1 336 31.7 21.9 2.59 1.3	21.6	1.55	2.91	20.6	43.5	290	10.7	8.7	9.7	9.2	0.4	0.3	0.0	0.1	0.0	0.5	80.8	61.5	6	12	SWH			
Average SWH 2023 285 60.2 79.2 0.4 0.0 0.0 0.1 0.8 0.9 8.9 11.1 336 31.7 21.9 2.59 1.3	18.2	1.63	2.68	17.9	34.9	339	11.9	8.0	9.5	11.4	1.5	0.6	0.9	0.0	0.0	0.0	79.1	60.1	12	14	SWH			
SWH 2022 404 61.0 80.2 0.5 0.0 0.0 0.1 0.5 0.6 8.9 9.5 340 34.8 28.0 2.74 1.4																								
SWH S-year everage 416 61.1 80.3 0.5 0.0 0.0 0.0 0.6 0.7 9.1 10.0	26.5	1.37	2.59	21.9	31.7	336			11.1	8.9	0.9	8.0	0.1	0.0	0.0	0.4	79.2	60.2	285	2023	SWH			
WHCB 4	20.1	1.47	2.74	28.0	34.8	340			9.5	8.9	0.6	0.5	0.1	0.0	0.0	0.5	80.2	61.0	404	2022	SWH			
WHCB 5 5 61.1 80.4 0.3 0.0 0.1 0.0 1.3 1.3 8.5 10.3 8.6 11.0 309 28.6 21.7 2.42 1.2 1.2 1.2 1.2 1.2 1.3	22.8	1.40	2.72	28.7	34.4	326			10.0	9.1	0.7	0.6	0.0	0.0	0.0	0.5	80.3	61.1	416		SWH			
WHCB S S 61.1 80.4 0.3 0.0 0.1 0.0 1.3 1.3 8.5 10.3 8.6 11.0 309 28.6 21.7 2.42 1.2 1.2 1.2 1.2 1.2 1.3		,	,						r			r												
WHCB 8		1.38						10.6																
Crop Year Average 2023 53 60.7 79.9 0.6 0.0 0.0 0.0 1.2 1.2 8.4 10.6 324 30.2 21.7 2.48 1.2 2.4 2.5 2.5 3.5		1.27						8.6		8.5				-			80.4							
New New		1.24	2.48	21.7	30.3	324	13.6	8.4	10.7	8.3	1.2	1.2	0.0	0.0	0.0	0.6	79.8	60.7	47		WHCB			
WHCB 2022 53 60.6 79.8 0.8 0.0 0.0 0.0 1.1 1.1 7.8 10.1 356 30.2 31.1 2.55 1.3 WHCB 5-year average 91 60.7 79.9 0.6 0.0 0.0 0.1 1.1 1.2 8.3 10.0 331 30.7 30.0 2.55 1.3 HRW 4 7 62.0 81.6 0.3 0.0 0.0 0.1 0.9 1.0 8.4 12.8 11.7 14.8 350 31.9 63.0 2.69 1.4 HRW 5 6 60.3 79.3 0.5 0.0 0.6 0.0 1.2 1.8 9.4 12.4 11.7 14.8 350 31.9 63.0 2.69 1.4 HRW 8 14 62.2 81.8 0.3 0.0 0.0 0.0 0.4 0.4 8.5 12.0 10.7 14.0 37			1	1																				
WHCB S-year average 91 60.7 79.9 0.6 0.0 0.0 0.1 1.1 1.2 8.3 10.0 331 30.7 30.0 2.55 1.3		1.25	2.48	21.7	30.2	324			10.6	8.4	1.2	1.2	0.0	0.0	0.0	0.6	79.9	60.7	53	2023	WHCB			
HRW 4 7 62.0 81.6 0.3 0.0 0.0 0.1 0.9 1.0 8.4 12.8 11.7 14.8 350 31.9 63.0 2.69 1.4 HRW 5 6 6 60.3 79.3 0.5 0.0 0.6 0.0 1.2 1.8 9.4 12.4 11.7 13.6 358 32.9 70.3 2.73 1.4 HRW 8 14 62.2 81.8 0.3 0.0 0.0 0.0 0.4 0.4 8.5 12.0 10.7 14.0 379 37.6 61.4 2.88 1.3 HRW 11 8 62.1 81.7 0.2 0.0 0.0 0.0 0.4 0.4 8.1 11.4 10.6 12.1 344 35.3 66.3 2.85 1.2 HRW 12 2 62.8 82.5 0.3 0.0 0.0 0.0 0.4 0.4 8.9 10.4 10.2 10.5 339 40.4 62.1 3.00 1.4 HRW 14 5 61.9 81.4 0.3 0.0 0.0 0.0 1.4 1.5 9.7 9.2 8.2 11.4 360 31.2 57.3 2.49 1.6 Crop Year Average 87 61.8 81.2 0.3 0.0 0.0 0.0 0.0 0.8 8.8 81 11.1 3362 337 66.2 2.80 1.5 HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 8.8 88 11.1 3382 33.7 66.2 2.80 1.5 HRW 5-year average 87 61.8 81.2 0.3 0.0 0.0 0.0 0.0 0.1 0.9 11.6 360 36.5 36.5 32.6 70.8 2.82 1.4 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.4 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.0 0.5 0.5 9.1 14.1 15.4 407 28.2 78.5 2.60 1.3 Crop Year Average		1.36	2.55	31.1	30.2	356			10.1	7.8	1.1	1.1	0.0	0.0	0.0	8.0	79.8	60.6	53		WHCB			
HRW 5 6 6 60.3 79.3 0.5 0.0 0.6 0.0 1.2 1.8 9.4 12.4 11.7 13.6 358 32.9 70.3 2.73 1.4 HRW 8 14 62.2 81.8 0.3 0.0 0.0 0.0 0.4 0.4 8.5 12.0 10.7 14.0 379 37.6 61.4 2.88 1.3 HRW 11 8 62.1 81.7 0.2 0.0 0.0 0.0 0.4 0.4 8.1 11.4 10.6 12.1 344 35.3 66.3 2.85 1.2 HRW 12 2 62.8 82.5 0.3 0.0 0.0 0.0 0.4 0.4 8.9 10.4 10.2 10.5 339 40.4 62.1 3.00 1.4 HRW 14 5 61.9 81.4 0.3 0.0 0.0 0.0 1.4 1.5 9.7 9.2 8.2 11.4 360 31.2 57.3 2.49 1.6 Crop Year Average HRW 2023 42 61.9 81.3 0.3 0.0 0.1 0.0 0.7 0.8 8.7 11.7 360 34.9 63.4 2.78 1.4 HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 0.8 8.8 11.1 382 33.7 66.2 2.80 1.5 HRW 3-5-year average 87 61.8 81.2 0.3 0.0 0.0 0.0 0.0 0.0 0.8 0.8 8.8 11.1 367 34.5 66.5 2.82 1.4 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.6 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.5 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3		1.31	2.55	30.0	30.7	331			10.0	8.3	1.2	1.1	0.1	0.0	0.0	0.6	79.9	60.7	91		WHCB			
HRW 5 6 6 60.3 79.3 0.5 0.0 0.6 0.0 1.2 1.8 9.4 12.4 11.7 13.6 358 32.9 70.3 2.73 1.4 HRW 8 14 62.2 81.8 0.3 0.0 0.0 0.0 0.4 0.4 8.5 12.0 10.7 14.0 379 37.6 61.4 2.88 1.3 HRW 11 8 62.1 81.7 0.2 0.0 0.0 0.0 0.4 0.4 8.1 11.4 10.6 12.1 344 35.3 66.3 2.85 1.2 HRW 12 2 62.8 82.5 0.3 0.0 0.0 0.0 0.4 0.4 8.9 10.4 10.2 10.5 339 40.4 62.1 3.00 1.4 HRW 14 5 61.9 81.4 0.3 0.0 0.0 0.0 1.4 1.5 9.7 9.2 8.2 11.4 360 31.2 57.3 2.49 1.6 Crop Year Average HRW 2023 42 61.9 81.3 0.3 0.0 0.1 0.0 0.7 0.8 8.7 11.7 360 34.9 63.4 2.78 1.4 HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 0.8 8.8 11.1 382 33.7 66.2 2.80 1.5 HRW 3-5-year average 87 61.8 81.2 0.3 0.0 0.0 0.0 0.0 0.0 0.8 0.8 8.8 11.1 367 34.5 66.5 2.82 1.4 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.6 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.5 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3																		T						
HRW 8 14 62.2 81.8 0.3 0.0 0.0 0.0 0.4 0.4 8.5 12.0 10.7 14.0 379 37.6 61.4 2.88 1.3 HRW 11 8 62.1 81.7 0.2 0.0 0.0 0.0 0.4 0.4 8.1 11.4 10.6 12.1 344 35.3 66.3 2.85 1.2 HRW 12 2 62.8 82.5 0.3 0.0 0.0 0.0 0.4 0.4 8.9 10.4 10.2 10.5 339 40.4 62.1 3.00 1.4 HRW 14 5 61.9 81.4 0.3 0.0 0.0 0.0 1.4 1.5 9.7 9.2 8.2 11.4 360 31.2 57.3 2.49 1.6 Crop Year Average HRW 2023 42 61.9 81.3 0.3 0.0 0.1 0.0 0.7 0.8 8.7 11.7 360 34.9 63.4 2.78 1.4 HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 0.8 8.8 11.1 382 33.7 66.2 2.80 1.5 HRW 3 4 61.4 80.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 1.4 1.5 1.6 367 34.5 66.5 2.82 1.4 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.0 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3		1.47																						
HRW 11 8 62.1 81.7 0.2 0.0 0.0 0.0 0.4 0.4 8.1 11.4 10.6 12.1 344 35.3 66.3 2.85 1.2			-																					
HRW 12 2 62.8 82.5 0.3 0.0 0.0 0.0 0.4 0.4 8.9 10.4 10.2 10.5 339 40.4 62.1 3.00 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.5 1.6				-								-												
HRW 14 5 61.9 81.4 0.3 0.0 0.0 0.0 1.4 1.5 9.7 9.2 8.2 11.4 360 31.2 57.3 2.49 1.6		1.24																						
Crop Year Average HRW 2023 42 61.9 81.3 0.3 0.0 0.1 0.0 0.7 0.8 8.7 11.7 360 34.9 63.4 2.78 1.4 HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 0.8 8.8 11.1 382 33.7 66.2 2.80 1.5 HRW 5-year average 87 61.8 81.2 0.3 0.0 0.0 0.6 0.7 8.9 11.6 367 34.5 66.2 2.80 1.5 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.6 HRS 4 4 61.4 80.7 0.9 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 <td< td=""><td></td><td>1.49</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		1.49																						
HRW 2023 42 61.9 81.3 0.3 0.0 0.1 0.0 0.7 0.8 8.7 11.7 360 34.9 63.4 2.78 1.4 HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 8.8 11.1 382 33.7 66.2 2.80 1.5 HRW 5-year average 87 61.8 81.2 0.3 0.0 0.0 0.6 0.7 8.9 11.6 367 34.5 66.5 2.82 1.4 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.6 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88	16.8	1.63	2.49	57.3	31.2	360	11.4	8.2	9.2	9.7	1.5	1.4	0.0	0.0	0.0	0.3	81.4	61.9	5	Crop Year	HRW			
HRW 2022 78 61.5 80.9 0.4 0.0 0.0 0.0 0.8 0.8 8.8 11.1 382 33.7 66.2 2.80 1.5 HRW 5-year average 87 61.8 81.2 0.3 0.0 0.0 0.6 0.7 8.9 11.6 367 34.5 66.5 2.82 1.4 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.6 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1<	25.3	1.41	2 78	63.4	34 9	360			11 7	8.7	0.8	0.7	0.0	0.1	0.0	0.3	813	61 Q	42		HRW			
HRW 5-year average 87 61.8 81.2 0.3 0.0 0.0 0.0 0.6 0.7 8.9 11.6 367 34.5 66.5 2.82 1.4 HRS 4 4 61.4 80.7 0.9 0.0 0.0 0.1 0.9 1.0 9.0 14.8 14.2 15.2 398 32.6 70.8 2.82 1.6 HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.5 0.6 7.7 14.7 14.1 15.4 <td></td> <td>1.53</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		1.53										-												
HRS		1.42																		5-year				
HRS 5 4 63.7 83.7 0.1 0.0 0.0 0.1 0.5 0.5 9.1 14.1 13.4 14.9 335 36.0 60.7 2.88 1.5 HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3 Crop Year Average			!	1	-	1		ı	!	1	1	!	1	!	1	1	-	-	1	average				
HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3 Crop Year Average	35.7	1.62	2.82	70.8	32.6	398	15.2	14.2	14.8	9.0	1.0	0.9	0.1	0.0	0.0	0.9	80.7	61.4	4	4	HRS			
HRS 8 4 60.9 80.1 0.6 0.0 0.0 0.1 0.6 0.6 8.8 15.2 13.9 16.9 388 32.1 64.4 2.71 1.6 HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3 Crop Year Average	36.0	1.56	2.88	60.7	36.0	335	14.9	13.4	14.1	9.1	0.5	0.5	0.1	0.0	0.0	0.1	83.7	63.7	4	5	HRS			
HRS 11 3 62.7 82.4 0.5 0.0 0.0 0.0 0.5 0.6 7.7 14.7 14.1 15.4 407 28.2 78.5 2.60 1.3 Crop Year Average		1.62																						
Average		1.36				407								0.0					3	11				
				!							-		-		-	-								
HRS 2023 15 62.1 81.7 0.5 0.0 0.0 0.1 0.6 0.7 8.7 14.7 380 32.5 68.0 2.76 1.5	37.2	1.55	2.76	68.0	32.5	380			14.7	8.7	0.7	0.6	0.1	0.0	0.0	0.5	81.7	62.1	15		HRS			
HRS 2022 56 61.6 81.0 0.4 0.0 0.0 0.0 0.6 0.7 8.7 14.4 387 30.5 72.2 2.71 1.6	35.1	1.65	2.71	72.2	30.5	387			14.4	8.7	0.7	0.6	0.0	0.0	0.0	0.4	81.0	61.6	56	2022	HRS			
HRS 5-year average 64 62.0 81.6 0.4 0.0 0.1 0.0 0.8 0.9 9.1 14.6 379 30.8 71.6 2.72 1.6	36.4	1.61	2.72	71.6	30.8	379			14.6	9.1	0.9	0.8	0.0	0.1	0.0	0.4	81.6	62.0	64		HRS			

^{*} Wet gluten has been discontinued for club wheat





BY PRODUCTION ZONES

Table 2

								202	3 CROP	WEEK	5: Augu	st 24. 20	23							10.0 2
						Grading	Data					,			Quality Data					
Class	District	Number of Samples	Test Weight (lb/bu)	Test Weight (kg/hl)	Dockage (%)	Heat Damage (%)	Total Damage (%)	Foreign Material (%)	Shrunk & Broken (%)	Total Defects (%)	Moisture (%)	Average	Protein %, 12% mb) High	Falling Number (s, 14%mb)	Thousand Kernel Weight (g, 14% mb)	Kernel Hardness (-20 to 120)	Kernel Size (mm)	Ash (%, 14% mb)	Wet Gluten (%, 14% mb)
SWH	NC	103	60.3	79.3	0.5	0.0	0.0	0.1	8.0	8.0	8.8	10.8	7.3	14.8	339	32.1	21.5	2.59	1.28	25.9
SWH	NE	47	60.8	80.0	0.3	0.0	0.0	0.0	0.8	8.0	8.6	11.4	8.8	15.1	346	31.2	22.2	2.58	1.38	25.9
SWH	С	97	59.6	78.4	0.3	0.0	0.0	0.1	0.9	1.0	8.7	12.0	10.2	15.5	341	28.8	22.1	2.51	1.41	30.3
SWH	SW	10	61.3	80.7	0.3	0.0	0.0	0.0	0.9	0.9	10.4	8.6	8.0	10.0	333	38.2	24.4	2.79	1.36	16.4
SWH	SE	28	60.9	80.2	0.3	0.0	0.2	0.4	0.4	1.0	10.0	9.8	8.0	11.9	305	39.0	21.4	2.81	1.61	20.1
	Crop Year Average																			
SWH	2023	285	60.2	79.2	0.4	0.0	0.0	0.1	0.8	0.9	8.9	11.1			336	31.7	21.9	2.59	1.37	26.5
SWH	2022	404	61.0	80.2	0.5	0.0	0.0	0.1	0.5	0.6	8.9	9.5			340	34.8	28.0	2.74	1.47	20.1
SWH	5-year average	416	61.1	80.3	0.5	0.0	0.0	0.0	0.6	0.7	9.1	10.0			326	34.4	28.7	2.72	1.40	22.8
		ı	1	1	ı	ı					ı	ı	ı	ı	ı					
WHCB	NC	47	60.7	79.8	0.6	0.0	0.0	0.0	1.2	1.2	8.3	10.7	8.4	13.6	324	30.3	21.7	2.48	1.24	
WHCB	С	6	61.1	80.4	0.3	0.0	0.1	0.0	1.3	1.4	8.6	10.3	8.6	11.0	318	29.3	21.8	2.45	1.29	
	Crop Year Average																			
WHCB	2023	53	60.7	79.9	0.6	0.0	0.0	0.0	1.2	1.2	8.4	10.6			324	30.2	21.7	2.48	1.25	
WHCB	2022	53	60.6	79.8	8.0	0.0	0.0	0.0	1.1	1.1	7.8	10.1			356	30.2	31.1	2.55	1.36	
WHCB	5-year average	91	60.7	79.9	0.6	0.0	0.0	0.1	1.1	1.2	8.3	10.0			331	30.7	30.0	2.55	1.31	
HRW	NC	14	62.2	81.8	0.3	0.0	0.0	0.0	0.4	0.4	8.5	12.0	10.7	14.0	379	37.6	61.4	2.88	1.37	26.7
HRW	NE	8	62.1	81.7	0.2	0.0	0.0	0.0	0.4	0.4	8.1	11.4	10.6	12.1	344	35.3	66.3	2.85	1.24	23.8
HRW	С	13	61.2	80.5	0.4	0.0	0.3	0.1	1.1	1.4	8.9	12.6	11.7	14.8	354	32.3	66.4	2.71	1.47	28.9
HRW	SE	7	62.1	81.7	0.3	0.0	0.0	0.0	1.1	1.2	9.5	9.6	8.2	11.4	354	33.8	58.6	2.63	1.59	17.4
	Crop Year Average																			
HRW	2023	42	61.9	81.3	0.3	0.0	0.1	0.0	0.7	0.8	8.7	11.7			360	34.9	63.4	2.78	1.41	25.3
HRW	2022	78	61.5	80.9	0.4	0.0	0.0	0.0	0.8	0.8	8.8	11.1			382	33.7	66.2	2.80	1.53	24.1
HRW	5-year average	87	61.8	81.2	0.3	0.0	0.0	0.0	0.6	0.7	8.9	11.6			367	34.5	66.5	2.82	1.42	26.3
HRS	NC NE	4	60.9	80.1	0.6	0.0	0.0	0.1	0.6	0.6	8.8	15.2	13.9	16.9	388	32.1	64.4	2.71	1.62	40.1
HRS	NE C	3 8	62.7 62.5	82.4 82.2	0.5	0.0	0.0	0.0	0.5	0.6	7.7 9.1	14.7	14.1	15.4 15.2	407 363	28.2 34.3	78.5 65.8	2.60 2.85	1.36 1.59	36.9 35.8
11110	Crop Year	U	02.5	02.2	0.0	0.0	0.0	0.1	0.1	0.0	5.1	17.7	10.4	10.2	505	54.5	00.0	2.00	1.55	33.0
LIBO	Average	45	00.4	04.7	0.5	0.0	0.0	0.1	0.0	0.7	0.7	44.7			200	20.5	00.0	0.70	4.55	07.0
HRS	2023 2022	15 56	62.1 61.6	81.7 81.0	0.5	0.0	0.0	0.1	0.6	0.7	8.7 8.7	14.7 14.4			380 387	32.5 30.5	68.0 72.2	2.76 2.71	1.55 1.65	37.2 35.1
HRS	5-year	64	62.0	81.6	0.4	0.0	0.0	0.0	0.8	0.7	9.1	14.4			387	30.5	71.6	2.71	1.61	36.4
11110	average	04	02.0	01.0	0.4	0.0	0.1	0.0	0.0	0.0	9.1	14.0			518	30.0	71.0	2.12	1.01	30.4

^{*} Wet gluten has been discontinued for club wheat

Distributions

Prepared by: Wheat Marketing Center, Portland, Oregon

SOFT WHITE WHEAT

285 SAMPLES Test Weight 30% 49% Frequency (percent) 51.0-53.9 54.0-55.9 56.0-57.9 58.0-59.9 60.0-61.9 62-63.9 Test Weight (lb/bu) Protein 15 7.5-7.9 13.0-13.4 8.0-8.4 8.5-8.9 11.5-11.9 10.0-10.4 11.0-11.4 12.0-12.4 Protein Content (percent, 12% mb) Falling Number 40% 275-299 400+ Falling Number (s, 14% mb) Moisture 56% 40 30 20 10 13's 12's Moisture (%) Dockage 40 Frequency (percent) 30 20 10 < 0.3 0.3 - 0.5 0.6 - 0.8 0.9 - 1.1 Dockage (%)

WHITE CLUB WHEAT

